

Algebra for College Students Student Edition

Blitzer combines mathematical accuracy with an engaging, friendly, & often fun presentation for maximum student appeal. Blitzer's personality shows in his writing, as he draws students into the material through relevant and thought-provoking applications.

Every Blitzer page is interesting and relevant, ensuring that students will actually use their textbook to achieve success!

Contract Price

\$93.97

Grade

10,11,12

TYPE

P1

Copyright

2009

Author

Blitzer

Edition

5th

ContentAlgebra 3/Preparation
for College AlgebraReadability

TBD

Accessibility

none

Research

Teacher Edition

0136019757

\$93.97

Algebra for College Students Annotated Instructor's Edition

Essential Items

Ancillary Items

0132391236

\$1,200.00

Algebra for College Students - MathXL 100-Pack

0132391228

\$300.00

Algebra for College Students - MathXL 25-Pack

0136019781

\$20.00

Algebra for College Students - MathXL Tutorial on CD

Free with Purchase items

0136019773

Algebra for College Students - Chapter Test Prep Video

\$14.97

Free upon request, 1 per Teacher User, with a minimum purchase of 25 Student Editions

0136031404

Algebra for College Students - Student Solutions Manual

\$18.97

Free upon request, 1 per Teacher User, with a minimum purchase of 25 Student Editions

0136031420

Algebra for College Students - Worksheets

\$29.47

Free upon request, 1 per Teacher User, with a minimum purchase of 25 Student Editions

Evaluation Tool for Basal Instructional Materials
Mathematics (2009 – 2015)

Provided by the Publisher	ISBN 0136019749	Publisher - Pearson Education, Inc., publishing as Prentice Hall		Provided by the Publisher
	Algebra for College Students Student Edition			
	Type - P1	Author - Blitzler		
	Copyright - 2009	Edition - 5th	Readability - TBD	
	Course - Algebra 3/Preparation for College Algebra		Grade(s) - 10,11,12	
Teacher Edition ISBN if applicable0136019757				

Overall Recommendation:	Recommended as BASAL
Overall Strengths, Weaknesses, Comments:	if this box is not checked, the evaluators have chosen NOT recommend as basal
<p>This text is appropriate for upper-level students wishing to move on to college. The text is written at a high level, but includes numerous real-life problems and activities. There is not a true teacher's edition; only a student edition with solutions. The content covered is appropriate for an Algebra 3 course. Teacher support is very limited.</p>	

NIMAC Accessibility NONE
 Ancillary Yes
 Free with Purchase Yes
 Research No

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CRITERIA

This basal resource ...

A. Encompasses KY Content Standards & Grade Level Expectations Strong Evidence											
Text is designed to be used in an elective course outside the Program of Studies											
<p>1) Includes the 5 Big Ideas of mathematics to the following extent:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%;">a) Number Properties and Operations</td> <td style="text-align: right;">Strong Evidence</td> </tr> <tr> <td>b) Measurement</td> <td style="text-align: right;">Strong Evidence</td> </tr> <tr> <td>c) Geometry</td> <td style="text-align: right;">Not Applicable</td> </tr> <tr> <td>d) Data Analysis and Probability</td> <td style="text-align: right;">Strong Evidence</td> </tr> <tr> <td>e) Algebraic Thinking</td> <td style="text-align: right;">Strong Evidence</td> </tr> </table>		a) Number Properties and Operations	Strong Evidence	b) Measurement	Strong Evidence	c) Geometry	Not Applicable	d) Data Analysis and Probability	Strong Evidence	e) Algebraic Thinking	Strong Evidence
a) Number Properties and Operations	Strong Evidence										
b) Measurement	Strong Evidence										
c) Geometry	Not Applicable										
d) Data Analysis and Probability	Strong Evidence										
e) Algebraic Thinking	Strong Evidence										
<p>2) Addresses content-specific enduring understandings from the related Program of Studies standards.</p>											
Strong Evidence											

3) Addresses content-specific skills and concepts from the related Program of Studies standards.	Strong Evidence
4) Content addressed is current, relevant and non-trivial	Strong Evidence
5) Provides opportunities for critical thinking/reasoning	Strong Evidence
6) Strengths, Weaknesses, Comments: <ul style="list-style-type: none"> Specific strengths-which areas/concepts are covered exceptionally well? Specific weaknesses-which areas/concepts would likely require supplementing? <p>The text is written in preparation for college algebra. The text targets preparing students who have at least one year of Algebra experience. The exercises include applications and critical thinking problems. Matrices are not part of the content of the book.</p>	

B. Functionality & Suitability	Moderate Evidence
1) Suitability	Strong Evidence
<ul style="list-style-type: none"> Should be suitable for use with a diverse population and is free of bias regarding race, age, ethnicity, gender, religion, social and/or geographic environment; is free of stereotyping or bias of any kind. 	
2) Content quality	Strong Evidence
<ul style="list-style-type: none"> Free from factual errors Content is presented conceptually when possible—more than a mere collection of facts Content included accurately represents the knowledge base of the discipline Theories/scientific models contained represent a broad consensus of the scientific community Interconnections among mathematical topics 	
3) Connections to Literacy	Strong Evidence
<ul style="list-style-type: none"> Employs a variety of reading levels and is grade/level appropriate Use of multiple representations-concrete, visual/spatial, graphs, charts, etc. Provides opportunities for summarizing, reviewing, and reinforcing vocabulary skills and concepts at multiple levels of difficulty for a variety of learning styles. Student text provides opportunity to integrate reading and writing Uses vocabulary that is age and content appropriate Focuses on critical vocabulary vs. extensive lists Identifies key vocabulary through definitions in both text and glossary The text is engaging and facilitates learning Embedded activities enhance the understanding of the text <p><i>Note: may apply to either student or teacher editions</i></p>	
4) Connections to Technology	Moderate Evidence
<ul style="list-style-type: none"> Integrates technology and reflects the impact of technological advances Uses technology in the collection and/or manipulation of authentic data Embeds web links as a mathematics resource. 	

5) Support for Diverse Learners

Little or No Evidence

- Provides support for ESL students
- Provides support for differentiation of instruction in diverse classrooms
- Challenge for gifted and talented students
- Support for students with learning difficulties

Note: may apply to either student or teacher editions

6) Strengths, Weaknesses, Comments:

- Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards.

The text is written to engage the student in real-life problems. These problems relate to many different professional fields. The exercises involve student writing. The reading level is for advanced high school students. There are exercises in each section for writing, technology, and critical thinking. The teacher edition only has solutions to the problems as an addition to the student version. There is no instructional support for differentiation, additional activities, skill-level appropriate assignments, or students with learning difficulties.

C. Supports Inquiry and Skill Development

Strong Evidence

1) Promotes Inquiry, research and Application of Learning

Strong Evidence

- Provides opportunities for inquiry and research that includes activities such as gathering information, researching resources, observing, interviewing, and evaluating information, analyzing and synthesizing data and communicating findings and conclusions, formulating authentic questions to deepen and extend mathematical reasoning.
- Requires students to use higher-level cognitive skills (analysis, synthesis, evaluation, generalizing, justifying, etc.)
- Provides activities and projects for students to deepen their knowledge and cultivate and strengthen problem-solving and decision-making skills.
- Provides opportunities for application of learned concepts.
- Uses a variety of relevant charts, graphs, diagrams, number lines, and other illustrations to invite and motivate students to engage in discussion, problem solving, and other high-order thinking skills.
- Emphasizes conceptual understandings that invite students to predict, conclude, evaluate, develop and extend ideas to support reasoning.

Note: may apply to either teacher or student edition

2) Skill Development

Strong Evidence

- Provides opportunities to make sense of all mathematics
- Provides opportunities to recognize, create, and extend patterns.
- Provides opportunities for critical thinking and reasoning.
- Provides opportunities to justify/prove responses.
- Provides opportunities to ask deeper questions.
- Contains embedded activities (or extensions) that emphasize use of technology for problem solving

Note: may apply to either teacher or student edition

3) Strengths, Weaknesses, Comments:

There are group activities/projects after each chapter. There are also exercises that range from lower to higher-order question levels. There are a variety of different types of exercises including ones that require technology and critical thinking.

D. Supports Best Practices of Teaching and Learning**Moderate Evidence****1) Engages Students****Strong Evidence**

- Includes content geared to the needs, interests, and abilities of all students
- Engages and motivates students using components such as real-life situations, simulations, experiments, and data gathering.
- Includes information and activities that assist students in seeing relevance of concepts (where appropriate) to their own lives and experiences
- Provides a variety of strategies, activities, and materials to enhance student learning at the appropriate learning levels
- Activities are truly congruent to the concepts addressed, not merely correlated

Note: may apply to either teacher or student edition

2) Uses Assessment to Inform Instruction**Moderate Evidence**

- Includes multiple means of assessment as an integral part of instruction
- Provides evaluation measures in the teacher edition that supports differentiated learning activities
- Embedded assessments reflect a variety of Depth of Knowledge levels

Note: may apply to either teacher or student edition

3) Strengths, Weaknesses, Comments:

- Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards

There is a concerted effort to make all of the problems relevant to the students' lives. Multiple activities as well as application questions provide these opportunities. There are chapter review exercises, summaries, and a chapter test at the end of each lesson. There aren't quizzes or resources for the teacher in addition to what is included in the text.

E. Has an Organization/ Format that Supports Learning and Teaching**Moderate Evidence****1) Organizational Quality****Moderate Evidence**

- Print and/or electronic materials present minimal barriers to learners, but also add encouragement for students to stretch and make further explorations.
 - Presents chapters/lessons in an organized and logical sequence
 - Provides clearly stated objectives for each lesson.
-

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- Uses text features (e.g., titles, headings, subheadings, review questions, goals, objectives, space, print, type size, color) to enhance readability.
- Makes use of various forms of media (e.g., CD's, recordings, videos, cassette tapes, computer software, web-based components, interactive software, calculators, physical and virtual manipulatives) as either student or teacher resources
- Includes clear, accurate, appropriate and clearly explained illustrations and/or graphics that reinforce content standards.
- Incorporates a glossary, footnotes, recordings, pictures, and/or tests that aid pupils and teachers in using the book effectively
- Uses grade-appropriate type size
- Included media are durable, easy to use and have technical merit
- Construction appears to be durable and able to withstand normal use

2) Essential Components (beyond student and teacher text)

Little or No Evidence

- Items identified as essential components support the learning goals and concept coverage of the basal

3) Strengths, Weaknesses, Comments:

- Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards.

The book is organized as a college-level book. The print is small and the reading level is high. There is little use of outside media, but calculators are used extensively. The objectives are clearly stated for the students for each section and then labeled in that section for easy location. There are no other materials in addition to the teacher and student edition.

F. Has available Ancillary/ Gratis Materials

Note: The decision whether to recommend or not recommend this resource as a basal should not be influenced by Section F

Moderate Evidence

1) Ancillary/Gratis Materials

- Coordinates teacher resources easily with student material (e.g., accompaniments included, student pages shown, instructional technology indicated).
- Are well-organized and easy to use
- Provide substantive learning opportunities and are congruent with student learning goals
- Provide opportunities for high-level thinking, assessment, and/or problem solving
- Provides opportunities for intervention.

2) Strengths, Weaknesses, Comments:

- Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards.

There is a student solution manual with step-by-step solutions. There is also a CD for chapter test review for the students. The solution manual would be helpful to students but limits the exercises that can be assigned.
